



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Tuesday, April 23, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today through Thursday

- **Severe storms with large hail and damaging winds possible across SW,S-Central into N-Central TX and SE NM today, S-Central TX Wednesday, & shifting into AR & LA on Thursday.**
- **Heavy rain/flash flooding is possible each day, but is most pronounced over Central into North-Central TX & S OK on Wednesday.**

Friday - Saturday

- **No significant weather expected.**

Major River Flooding or Known Evacuations

- **Moderate to Major river flooding will continue on the Mississippi River in E/SE LA with impacts primarily to shipping/industrial activities, agricultural areas, and secondary roads.**
- **The Ouachita River at Monroe (in N-Central LA) is forecast to rise to major flood later this week with impacts to lowland areas within the levees, including agricultural and recreational areas.**

FEMA Region 6 Threat Matrix

Apr 23, 2019 – Apr 27, 2019



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DAY / THREAT	TUE	WED	THU	FRI	SAT
Severe Storms	SW, Cntrl into N-Cntrl TX, SE NM	S-Cntrl TX	ETX, AR, LA		
Heavy Rain / Flash Flooding	W TX into N-Cntrl TX, S OK	Cntrl & N-Cntrl TX, S OK	ETX, AR, LA		
		W AR, LA			
Winter Weather					
Fire Weather					
River Flooding	LA	LA	LA	LA	LA
	AR, ETX	AR, ETX	AR, ETX	AR	AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status

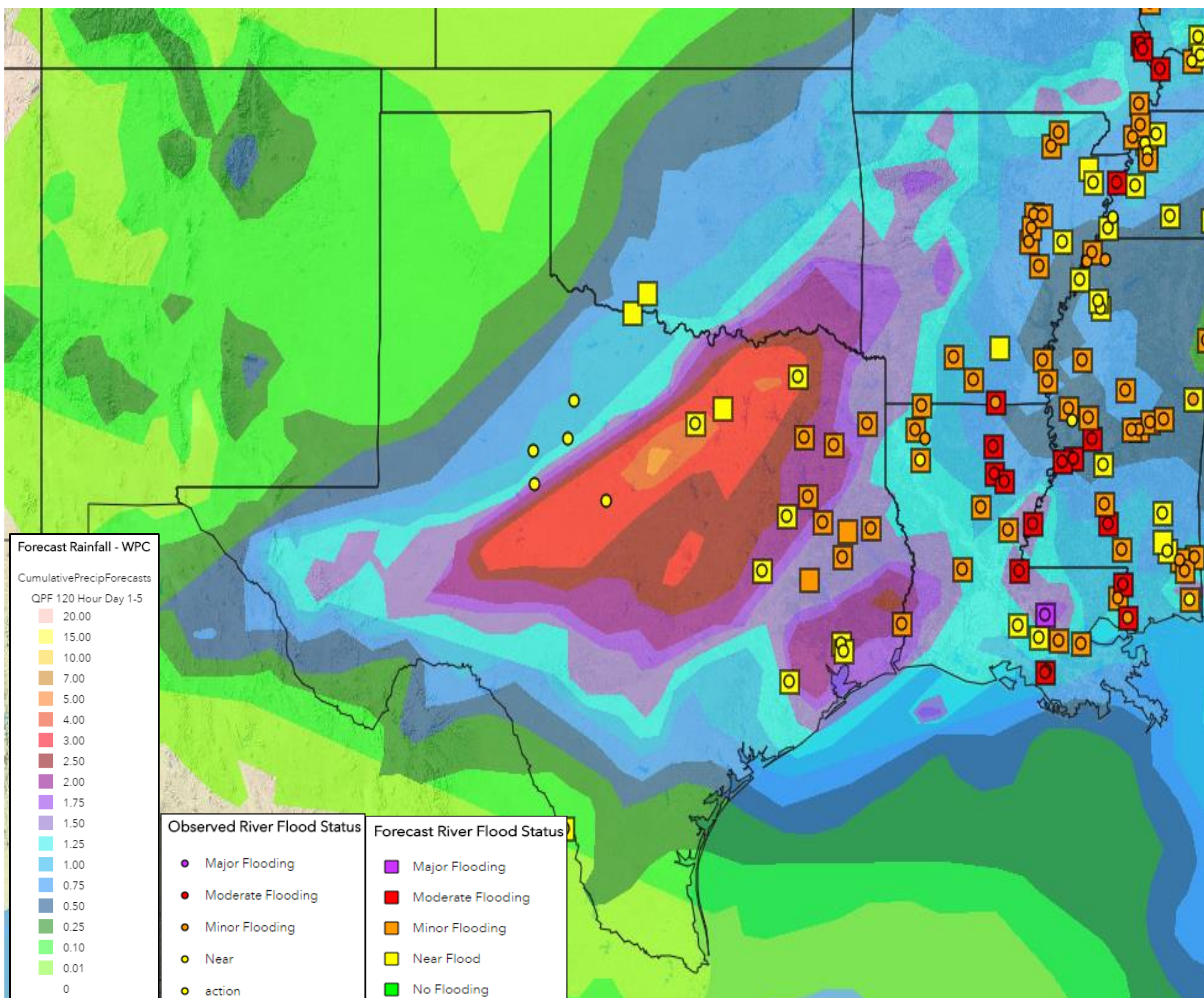


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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

- **Moderate to Major river flooding will continue on the Mississippi River in E/SE LA with impacts primarily to shipping/industrial activities, agricultural areas, and secondary roads.**
 - **MS River at Baton Rouge will remain in major flood stage. Shipping and industrial activities are significantly affected.**
 - **The Bonnet Carre Spillway is operating to reduce flow and maintain just under a 17.0ft stage at New Orleans. It will remain open until further notice. No impacts are noted.**
- **Moderate river flooding is occurring on portions of the Atchafalaya River in SE LA with impacts to vessel traffic and some buildings near the river.**
- **The Ouachita River at Monroe (in N-Central LA) is forecast to rise to major flood later this week with impacts to lowland areas within the levees, including agricultural and recreational areas.**
- **The MS River at Osceola (in NE AR) is forecast to rise into moderate flood stage again early this week and crest next weekend. Impacts to secondary roads and agriculture.**
- **Moderate river flooding is occurring on portions of the Pearl River in SE LA with impacts to woodlands and crop acreage along the river.**

Forecast rainfall next 2 days will likely produce rises and new river flooding over West Central Texas and the DFW Metroplex (Middle Brazos, Upper Colorado, and Upper Trinity)



Today's Weather



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Forecast Chart

Forecast Rainfall

Severe thunderstorms with large hail and damaging wind possible across SW/Central into N-Central TX and SE NM this afternoon and evening.

Isolated heavy rain/flash flooding possible over W TX through N-Central TX and into S OK.

Severe Weather Outlook

Excessive Rainfall Outlook

Tomorrow's Weather



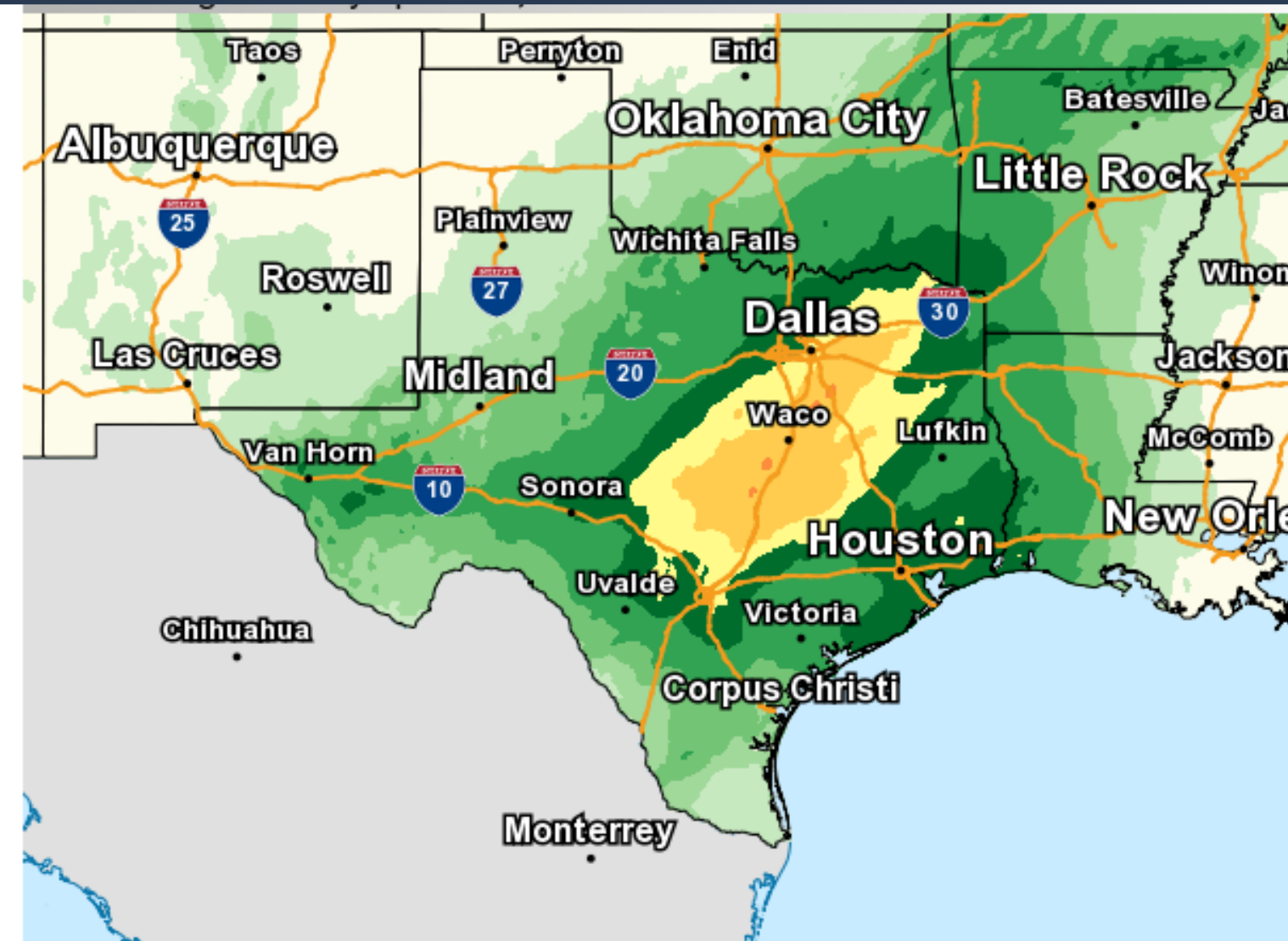
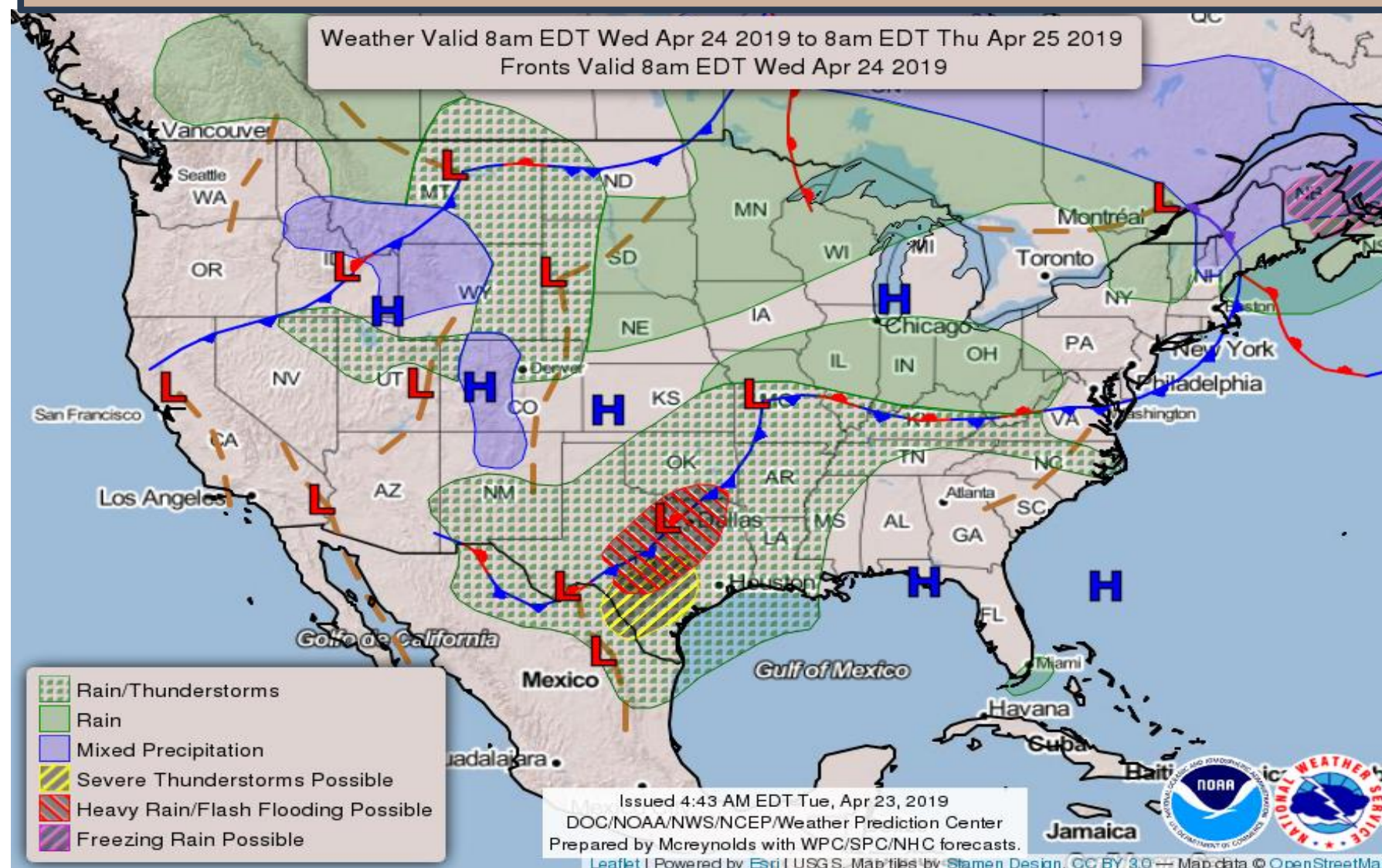
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Forecast Chart

Forecast Rainfall

Severe thunderstorms with large hail and damaging winds possible across S-Central TX in the afternoon and evening.

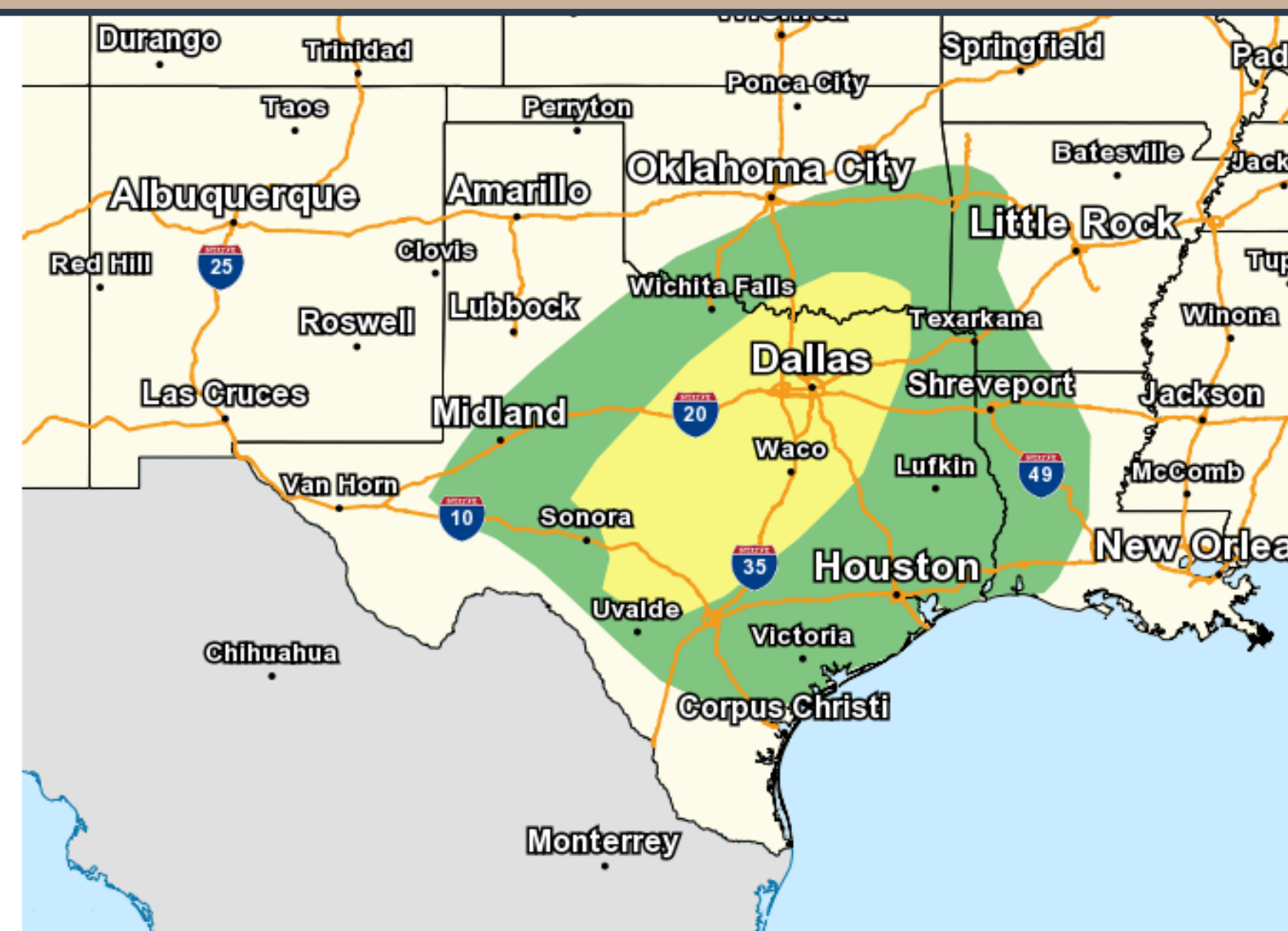
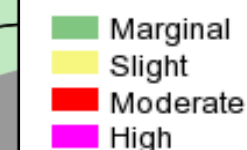
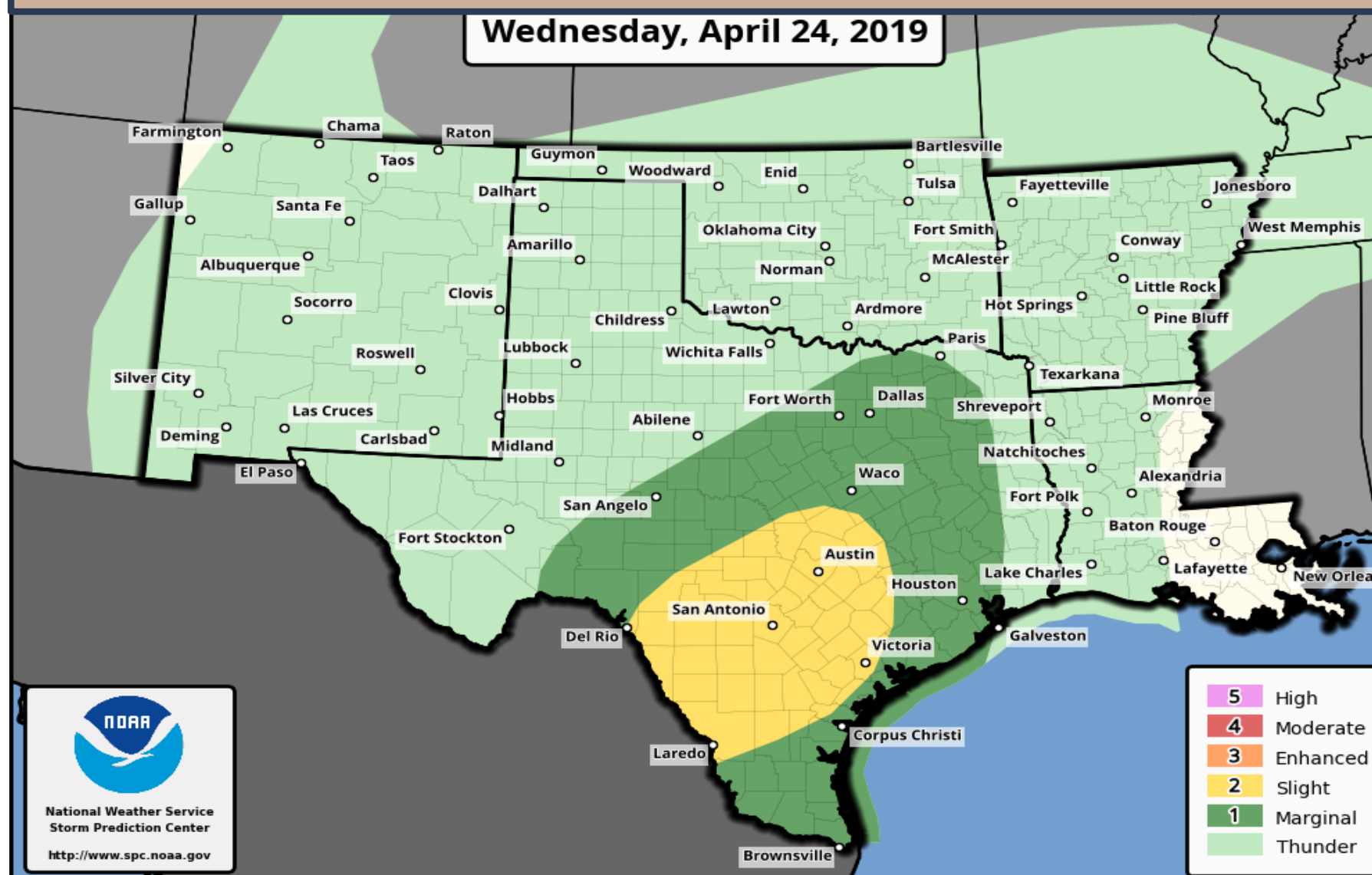
Heavy rain/flash flooding possible for portions of Central & North-Central TX into S OK.



Graphic Created
April 23rd, 2019
6:29 AM CDT

Severe Weather Outlook

Excessive Rainfall Outlook



Graphic Created
April 23rd, 2019
AM CDT

Thursday's Weather



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Forecast Chart

Forecast Rainfall

Strong to severe storms with hail and damaging wind will still be possible over E TX into LA and AR.

Heavy rain/flash flooding will continue to be possible over extreme E TX and LA.

Severe Weather Outlook

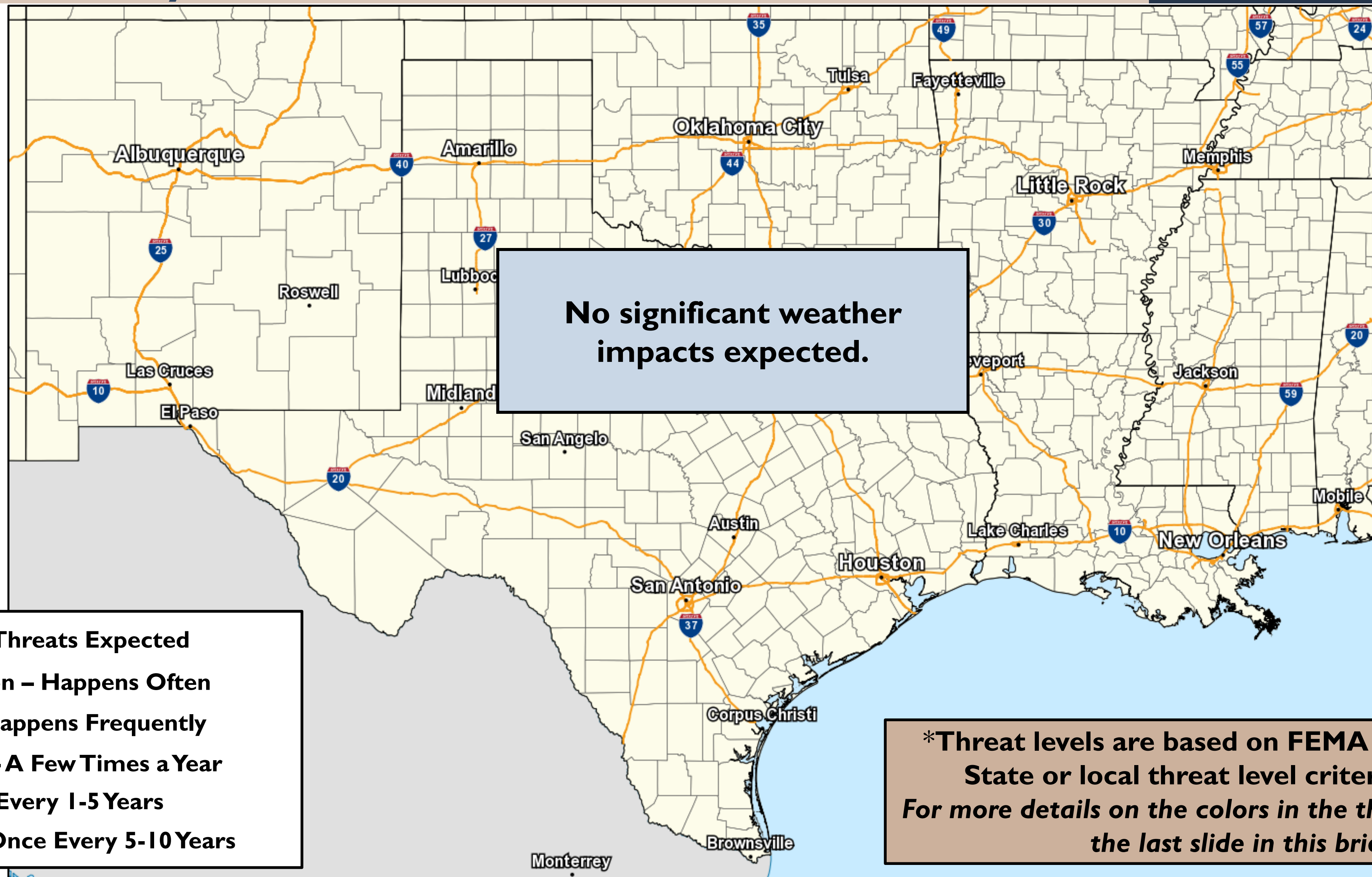
Excessive Rainfall Outlook

Days 4-5 Weather Hazards

Friday - Saturday



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- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

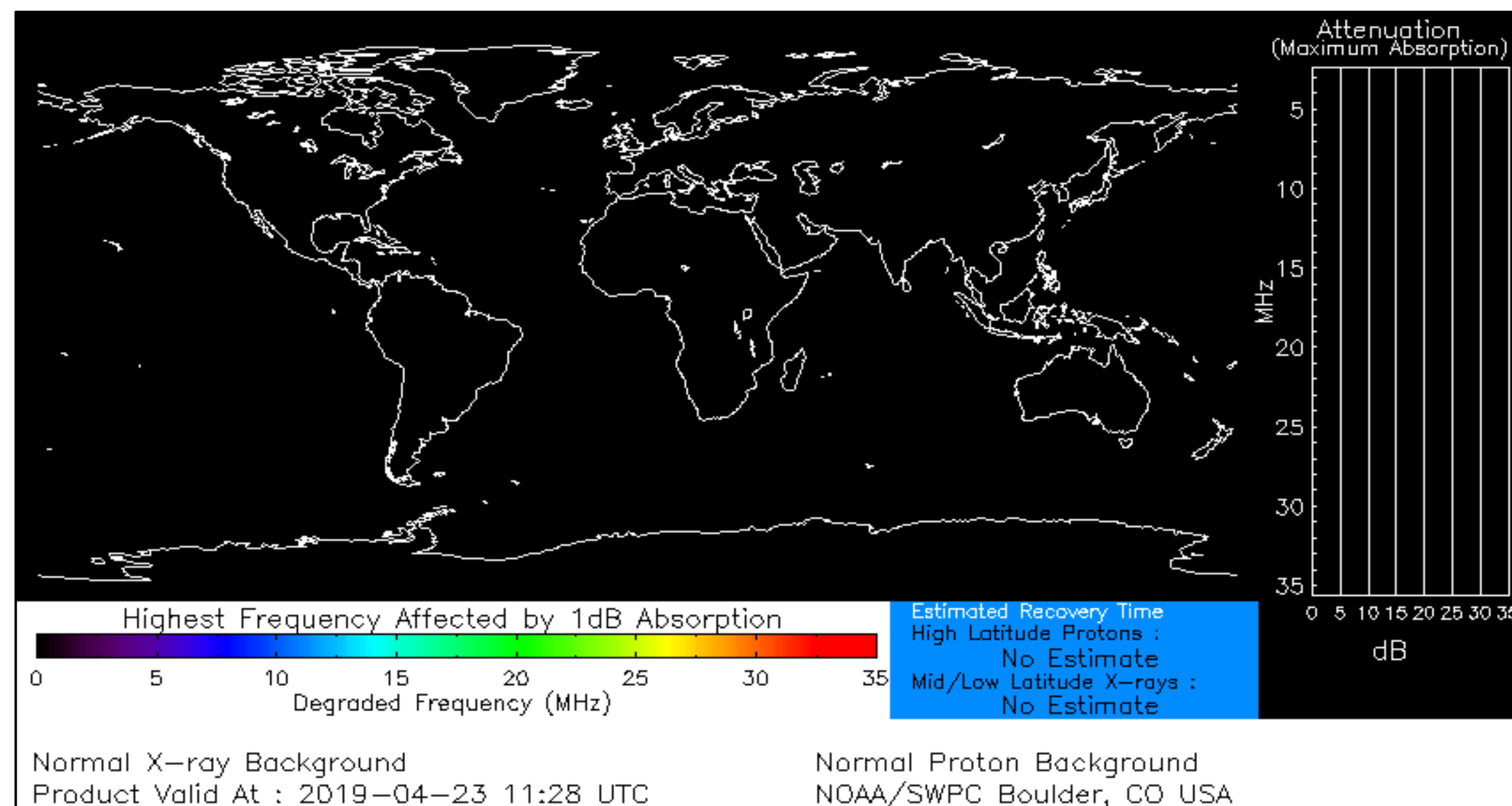
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the last slide in this briefing.*

Space Weather 3-Day Forecast



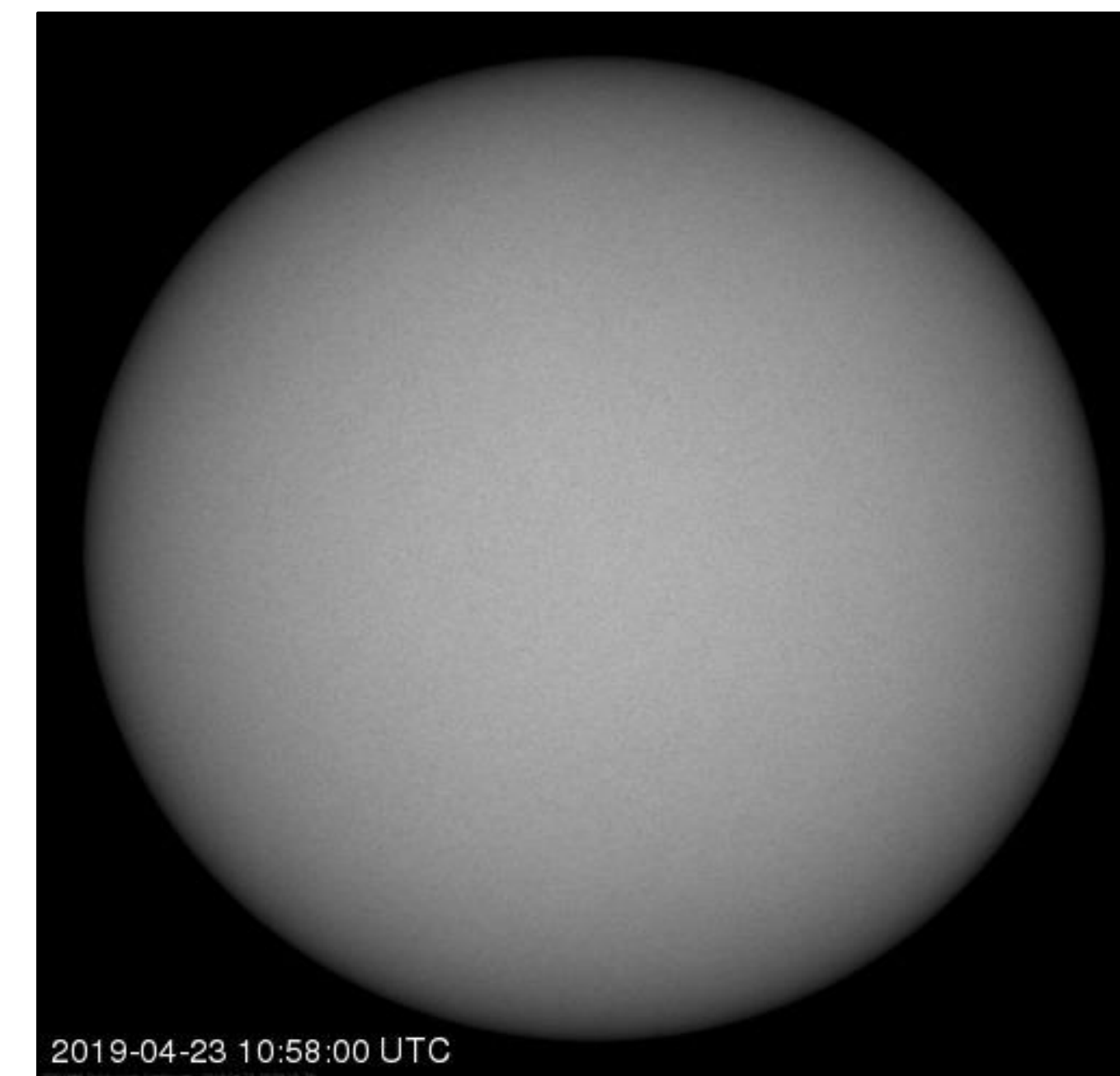
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	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)	Unsettled to Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





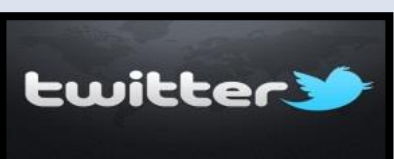
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov